

GCSE
GEOGRAPHY B

Unit B561: *Sustainable Decision Making*

Specimen Paper

H

J385

Time: 1 hour

Candidates answer on the question paper.

Additional materials: Resource Booklet

Candidate
Forename

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Candidate
Surname

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Centre
Number

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Candidate
Number

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INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do not write in the bar codes.
- Do not write outside the box bordering each page.
- Write your answer to each question in the space provided.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is 40.

FOR EXAMINER'S USE

A	
B	
C	
TOTAL	

2 Study **Resource 2** in the Resource Booklet.

Suggest and explain **two** ways that 'Cities for People' are more sustainable than 'Cities for Cars'.

[10

Section A Total [20]

[Turn over

Section B Total [8]

Section C – The Decision

- 4 Use **Resource 4** and **Resource 5** in the Resource Booklet, relevant ideas from the other resources and your own knowledge for this question.

Like many other LEDC cities, Rio de Janeiro has grown rapidly in recent years. This rapid growth has created problems which have a negative affect on the quality of life of many of the people who live in Rio de Janeiro.

The Brazilian Government need to find a sustainable solution to the problems caused by rapid growth and possible future growth of Rio de Janeiro.

There are **four** possible options to choose from:

Option 1

Do nothing, due to lack of finance, and hope that time will solve the city's problems and improve people's quality of life, as has happened in some MEDC cities.

Option 2

Support self-help schemes in favelas such as Rocinha. Providing building materials, equipment, training and support to improve housing conditions. Improving basic services such as electricity, clean water, sanitation, family planning, health care and education.

Option 3

Encourage the development of more 'edge city' settlements such as Barra da Tijuca.

Option 4

Discourage rural-urban migration to Rio de Janeiro by investing money in developing rural areas.

Task

Choose one of the above options

1. Give detailed reasons to explain your choice.
2. State your reasons for not choosing the other three options.

You should also

3. Explain why your choice might not please everyone in Rio de Janeiro and
4. Explain why some stakeholders might prefer a different option.

Chosen option

SPECIMEN

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.....
..... [12]

Section C Total [12]

Paper Total [40]

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SPECIMEN

The maximum mark for this paper is 40.

SPECIMEN

Section A – The Background		
Question Number	Answer	Max Mark
1	<p>Choose the megacity with the best quality of life and the megacity with the worst quality of life.</p> <p>Name your two chosen megacities and use two pieces of evidence from Resource 1 to explain their differences in quality of life.</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-3 marks] Gives one piece of evidence to compare quality of life for chosen megacities without clear reference to evidence or developed explanation.</p> <p>Level 2 [4-6 marks] Gives two pieces of evidence and attempts explanation of differences in quality of life for one of the mega cities</p> <p>Level 3 [7-10 marks] Explains differences and effects on quality of life for both pieces of evidence with reference to resource and with clear development</p> <p>Content Guide</p> <p>Tokyo has a lower murder rate than Mexico City This means that it is a safer place to live</p> <p>Tokyo has a lower level of air pollution than Mexico City This means that it is a healthier place to live</p>	[10]
2	<p>Suggest and explain two ways that ‘Cities for People’ are more sustainable than ‘Cities for Cars’.</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-3 marks] Gives one valid way with explanation or two without development</p> <p>Level 2 [4-6 marks] Give second way and explains why one is more sustainable</p> <p>Level 3 [7-10 marks] Explains how both ways are more sustainable</p> <p>Content Guide:</p> <p>Less congestion-reduced pollution-improved health Improved environment – enhanced quality of life More people cycling/walking – improved health Fewer motor cars – reduced consumption of fossil fuels-conserve supplies for future</p>	[10]
Section A Total		[20]

Section B - The Options		
Question Number	Answer	Max Mark
3	<p>Greenwich Millennium Village is a planned sustainable urban settlement.</p> <p>Identify and explain <u>one</u> advantage and <u>one</u> disadvantage of living in Greenwich Millennium Village for <u>one</u> of the following groups of people:</p> <p>EITHER (a) Families with young children OR (b) Old people living alone</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-3 marks] gives one valid advantage and one disadvantage for chosen group.</p> <p>Level 2 [4-6 marks] gives one valid advantage and one disadvantage for chosen group and explains both of these.</p> <p>Level 3 [7-8 marks] explains both with valid detail.</p> <p>Content Guide</p> <p>Families with young children, advantages could include: Primary school close-walk to school-healthy, safer Reduced traffic = healthier/safer Shared lawns/gardens = safe play social areas Parks/wildlife areas = pleasant environment</p> <p>Disadvantages could include: Shared lawns/gardens-increased 'stranger danger' Inconvenience of using public transport with pram/push chair</p> <p>Old people living alone, advantages could include: Closeness to shops, health care-easy access Shared lawns/gardens – less isolated Reduced energy costs – save pension money Well insulated houses – warmer in winter – improved health Less traffic-improved safety/health</p> <p>Disadvantages could include: Burglar alarms – increased fear of crime Homes computers – may not be able to access/operate hi-tech systems Shared lawns/gardens – could be areas for anti-social behaviour</p>	[8]
Section B Total		[8]

Section C - The Decision		
Question Number	Answer	Max Mark
4	<p>Option 1 Do nothing, due to lack of finance, and hope that time will solve the city's problems and improve people's quality of life, as has happened in some MEDC cities.</p> <p>Option 2 Support self-help schemes in favelas such as Rocinha. Providing building materials, equipment, training and support to improve housing conditions. Improving basic services such as electricity, clean water, sanitation, family planning, health care and education.</p> <p>Option 3 Encourage the development of more 'edge city' settlements such as Barra da Tijuca.</p> <p>Option 4 Discourage rural-urban migration to Rio de Janeiro by investing money in developing rural areas.</p> <p>Choose one of the above options and give detailed reasons to explain your choice. State your reasons for not choosing the other three options.</p> <p>You should also explain why your choice might not please everyone in Rio de Janeiro and explain why some stakeholders might prefer a different option.</p> <p>0 marks No evidence submitted or response does not address the question.</p> <p>Level 1 [1-4 marks] Explains one or more reasons for choice with detail in one reason or reference to sustainability</p> <p>Level 2 [5-8 marks] Explains one reason for rejecting each of the other three options with detail in one reason or reference to sustainability</p> <p>Level 3 [9-12 marks] Explains why two stakeholders would not support chosen option with detail in one explanation or reference to sustainability</p>	[12]
Section C Total		[12]
Paper Total		[40]

Assessment Objectives Grid (includes QWC)

Question	AO1	AO2	AO3	Total
1	2	2	6	10
2	2	4	4	10
3	2	4	2	8
4	2	6	4	12
Totals	8	16	16	40